

AN ELECTROPOLISHING/GRINDING MEANS FOR AN INNER SURFACE OF A LONG TUBE

Abstract

5 The present invention is an electropolishing/grinding means for an inner
surface of a long tube, which comprises at least one long tube, one electrode,
at least two partitions, one fixed magnet mechanism, one driving apparatus
and an axial driven mechanism; wherein, cooperation of the partitions, the
fixed magnet mechanism and the driving apparatus is to form a magnetic
10 levitation effect, which means using magnetic repulsiveness and magnetic
attraction to keep away from the partitions and inner surface and avoid the
eccentric situation; further, one of the two partitions has plural springs, plural
protruding objects and plural abrasives to cooperate each other for firmly the
abrasives touching onto the inner surface.